

have been taken of the circumstance. Even the Geological Society Club had no special gathering: eleven members and one visitor were present on November 18, namely, Portlock, Bigsby, Colonel James, T. F. Gibson, Smyth, Mylne, Percy, Prestwich, D. Galton, Murchison, and Professor H. D. Rogers; and the only record of their proceedings is in the statement that five bottles of ale, six of soda, two of seltzer, seven of sherry, and two of port, likewise tea and coffee, were consumed¹ (see p. 204).

It may be remarked that, notably among military men, the new president, Colonel Portlock, had early recognised the value of geological science in his profession.² De la Beche, Murchison, and Lonsdale had been educated for the army; and the two latter had seen active service, Murchison at Corunna and Lonsdale at Waterloo, experiences which, apart from warfare, were probably helpful in their subsequent studies of physical features.

Frederick Wollaston Hutton (1836-1905), when lieutenant in the 23rd Royal Welsh Fusiliers, served with distinction in the Crimea and at Lucknow. In 1860 he entered the Staff College, Sandhurst, and wrote an essay on the 'Importance of a Knowledge of Geology to Military Men.'³ Retiring from the army in 1865, he emigrated to New Zealand, and ultimately became curator of the Museum at Christchurch, New Zealand. He was distinguished for his zoological and geological researches. He came to England in 1905 after an absence of nearly forty years, and on one occasion dined as the guest of the Geological Society Club. Unfortunately he did not survive the homeward voyage to New Zealand.

Mr. T. Rupert Jones was appointed, in 1858, lecturer, and in 1862 professor, of Geology at the Royal Military College, Sandhurst, and subsequently also at the Staff College, until, in 1882, the authorities no longer deemed

¹ It is probable, as Professor Bonney informs us, that the ale and soda were mixed to make the noted 'Geological beer' of the Club.

² 'Aide-Mémoire to the Military Sciences,' 3rd Part, 1848, article 'Geognosy and Geology,' by Major Portlock, R.E., F.R.S.

³ *Journ. United Service Inst.* vol. vi. 1862.